

## EAST Search History

| Ref # | Hits | Search Query   | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|--|---|------------------|---------|------------------|
| L7    | 285  | (187/404).CCLS.  | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT  | OR               | OFF     | 2007/02/04 15:54 |
| L8    | 113  | (187/405).CCLS.  | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT  | OR               | OFF     | 2007/02/04 15:54 |
| S1    | 1    | US20040094371A1  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2005/09/06 13:49 |
| S2    | 0    | US2004/0094371A1   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2005/08/29 08:16 |
| S3    | 2    | "20040094371"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2005/08/29 08:16 |
| S4    | 1880 | counterweight and "187"/\$.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2005/08/30 13:37 |
| S5    | 611  | (187/404,405).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2006/02/23 10:50 |
| S6    | 89   | S5 and (plate or block)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2005/08/30 13:44 |
| S8    | 6    | ("1730974"   "1837643"  <br>"3845842").PN. OR ("5788017").<br>URPN.  | US-PGPUB;<br>USPAT;<br>USOCR                          | OR               | ON      | 2005/08/30 14:05 |
| S9    | 11   | ("4402386"   "5014828"   "5033588"<br>  "5036955"   "5090516"  <br>"5203432").PN. OR ("5300737").<br>URPN. | US-PGPUB;<br>USPAT;<br>USOCR                          | OR               | ON      | 2005/08/30 14:05 |

## EAST Search History

|     |     |  |   |    |    |                  |
|-----|-----|--|---|----|----|------------------|
| S10 | 21  | ("3612395"   "3641939"   "3667397"   "3667398"   "3837032"   "4051398"   "4068152"   "4402386"   "4454457"   "4570753"   "4694209"   "4993327").PN. OR ("5090516").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | ON | 2005/08/30 14:09 |
| S11 | 11  | ("4402386"   "5014828"   "5033588"   "5036955"   "5090516"   "5203432").PN. OR ("5300737").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | ON | 2005/08/30 14:21 |
| S12 | 16  | elevator and (counterweight near brake) and "187"/\$.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/08/31 09:03 |
| S15 | 34  | ("0250175"   "0671164"   "0722066"   "0974447"   "1011661"   "1317798"   "1354881"   "1834894"   "2217464"   "3520386").PN. OR ("5014828").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | ON | 2005/08/31 09:08 |
| S16 | 14  | ("3160240"   "5014828"   "5253738").PN. OR ("5518087").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | ON | 2005/08/31 11:15 |
| S19 | 473 | (u adj shaped adj beam) and frame  | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | ON | 2005/08/31 11:16 |
| S20 | 30  | (u adj shaped adj beam) and frame and elevator   | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | ON | 2005/08/31 11:18 |
| S22 | 139 | (u adj shaped adj beam) with frame   | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | ON | 2005/08/31 13:17 |
| S23 | 45  | ("1745784"   "2669361"   "2964154"   "2982387"   "3063534"   "3266635"   "3269557"   "3285428"   "3556306"   "3695456"   "3900112"   "3905712"   "4186860"   "4239100"   "4372451"   "4383614"   "4394910"   "4401221"   "4453641"   "4662523"   "4681203"   "4765493"   "4909402"   "4955490"   "5090547"   "5115920"   "5259518"   "5279430"   "5360122"   "5450968"   "5474412"   "5779064"   "5845794"   "5887732").PN. OR ("6105798").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | ON | 2005/08/31 13:25 |

## EAST Search History

|     |       |  |   |    |     |                  |
|-----|-------|--|---|----|-----|------------------|
| S24 | 1564  | (52/731.1,731.2,737.2,737.6).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/09/06 13:49 |
| S25 | 121   | S24 and slot and weld\$4   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/09/06 13:50 |
| S27 | 113   | (187/405).CCLS.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT           | OR | OFF | 2006/02/23 11:03 |
| S28 | 372   | weight near grid   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/02/21 14:57 |
| S29 | 6     | counterweight near grid  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/02/21 15:15 |
| S30 | 217   | (16/193).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/02/21 15:15 |
| S31 | 365   | (187/406).CCLS.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT           | OR | OFF | 2006/02/21 15:18 |
| S32 | 280   | (187/404).CCLS.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT           | OR | OFF | 2006/02/23 10:19 |
| S33 | 29327 | "187"/\$.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/02/22 11:35 |
| S34 | 36    | S33 and "Nakai".in.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/02/22 11:36 |
| S35 | 11    | ("0684390"   "0826558"   "3613835"<br>  "3768597"   "4570753").PN. OR<br>("5033587").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | ON  | 2006/02/22 11:39 |

## EAST Search History

|     |     |  |   |    |     |                  |
|-----|-----|--|---|----|-----|------------------|
| S36 | 14  | ("3259769"   "4402386"   "4916340").PN. OR ("5005672").URPN.     | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | ON  | 2006/02/22 11:40 |
| S40 | 390 | (187/404,405).CCLS.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT           | OR | OFF | 2006/02/23 10:50 |
| S41 | 7   | ((("0696268") or ("0763976") or ("4236605") or ("4417646"))).PN. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT           | OR | OFF | 2006/02/23 11:04 |
| S43 | 2   | JP-2000255941-\$.did.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/02/23 11:11 |

**INTERFERENCE**  
**EAST Search History**

| Ref # | Hits | Search Query                                 | DBs  | Default Operator | Plurals | Time Stamp       |
|-------|------|--|--|------------------|---------|------------------|
| L1    | 103  | counterweight frame guide beam crossbar      | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | AND              | ON      | 2007/02/04 16:03 |
| L2    | 19   | counterweight frame guide beam crossbar grid | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | AND              | ON      | 2007/02/04 16:03 |